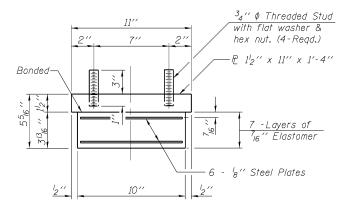


ELEVATION STEEL EXTENSION

SECTION B-B

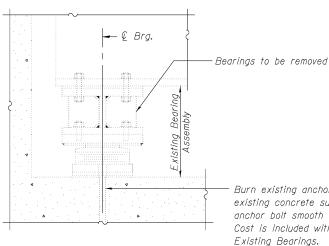
TYPE I ELASTOMERIC EXP. BRG.



BEARING ASSEMBLY

V3 Companies of Illinois Ltd. 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax

Shim plates shall not be placed under Bearing Assembly.



Burn existing anchor bolts flush with existing concrete surface. Grind existing anchor bolt smooth and seal with epoxy. Cost is included with Jack and Remove Existing Bearings.

EXISTING BEARING REMOVAL DETAIL

outh Abutment

North Abutment

FILL PLATES

© ⁷8" ∮ Holes -- @ Bean - ⊈ Beam BOTTOM P STEEL EXTENSION TOP P STEEL EXTENSION

Notes:

Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Anchor bolts for side retainers shall be installed in holes drilled before or after bearings are in place. Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

Side retainers, steel extensions and shims required for the elastomeric bearing assembly shall be included in the cost of Furnishing and Erecting Structural Steel. Prior to ordering any material, the Contractor shall verify in the field all bearing height dimensions and existing flange bolt hole locations.

Two $\frac{1}{8}$ in, adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

bridge deck is complete. 2. Prior to commencing any work at the bearings, the Contractor shall submit plans for jacking for approval by the Engineer. This work shall be done

only) at North & South Abutments is 3 kips. Minimum jack capacity is 6 kips for North & South Abutments. 3. Jacking shall be limited so that the maximum lift transversely between adjacent beams is l_8 ". See Special Provision for Jack and Remove Existing Bearings.

4. The new bearings and steel extensions shall be in place and the jacks shall be lowered before the new concrete deck is poured.

JACK AND REMOVE EXISTING BEARING

AT ABUTMENTS

1. Jacking and bearing removal shall be done after the removal of the existing

after existing concrete deck is removed and prior to pouring of the new

concrete deck. The maximum dead load reaction per beam (weight of steel

BILL OF MATERIAL

Item	Unit	Total	
Elastomeric Bearing Assembly Type I	Each	12	
Anchor Bolts, 1"	Each	24	
Jack and Remove Existing Bearings	Each	12	
Furnishing and Erecting Structural Steel	Pound	2597	

€ Side Retainer SIDE RETAINER

Equivalent rolled angle with stiffeners

PLOT DATE = 12-22-2011

be allowed in lieu of welded plates.									
	USER NAME =	DESIGNED	-	WJV	REVISED	-			
		CHECKED	-	CJB	REVISED	-			
	PLOT SCALE =	DRAWN	-	WJV	REVISED	-			

REVISED

CHECKED - CJB

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** **EXPANSION BEARINGS AT ABUTMENTS** STRUCTURE NO. 026-0055 SHEET NO. 17 OF 24 SHEETS

SECTION COUNTY 2720 (26-5,26-5-1,26-1-1)R Fayette 92 84 CONTRACT NO. 74469